

Upper row: Previously known sequence of human tissue inhibitor of metalloproteinase (TIMP)

Lower row: Novel sequence of invention indicating scattered short homologies to TIMP and conservation of cysteines.

07-026334

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      5      10      15      20      25      30
C T C V P P H P Q T A F C N S D L V I R A K F V G T P E V N
C S C S P V H P Q Q A F C N A D V V I R A K A V S E K E V D

      35      40      45      50      55      60
Q T T L Y Q R Y E I K M T K M Y K G F Q A L G D A A D I R F
S G N P I Y G N N I                               K D I E F

      65      70      75      80      85      90
V Y T P A M E S V C G Y F H R S H N R S E E F L I A G K L Q
I Y T A P S E A V C G V E L D V E G K

      95      100      105      110      115      120
D G L L H I T T C S F V A P W N S L S L A Q R R G F T K T Y
      K R H I T L C D F I V P W D T L S T T Q K K S L N H R Y
      125      130      135      140      145      150
T V G C E E C T V F P C L S I P C K L Q S G T H C L W T D Q
Q Q G C E E C K I T R C P M I P C Y I S S P D E C L W T D T

      155      160      165      170      175      180
L L Q G S E K G F Q S R H L A C L P R E P G L C T W Q S L R
V V                               K F F A C I K R H I T L C D F I V P W

      185
S Q I A
D X L S S X Q K Q E F L D T E D
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EXHIBIT 1

FIGURE 2